Images in cardio-thoracic surgery

Occlusion and stenosis of coronary perfusion graft after reconstruction of ascending aorta with the cabrol technique

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A 33-year-old woman was admitted to our hospital with chest pain. She had an urgent cabrol-type aortic root replacement for acute aortic dissection during labour 27 months before. Electron beam angiography showed a stenosis at the level of the anastomosis (Fig. 1). Coronary angiography confirmed the diagnosis (Fig. 2).

Fig. 1. Electron beam angiogram showing a stenosis at the level of anastomosis of the PTFE graft and the native left main coronary artery.
Fig. 2. Selective injection in coronary perfusion graft showing critical stenosis at the level of graft-to-left main coronary artery anastomosis.